**Ideation Phase**

**LITERATURE SURVEY**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID15253 |
| Project Name | News Tracker |

**LITERATURE SURVEY:**

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| **S.no** | **Paper title** | **Author** | **Published date** | **Implementation** | **Resource link** |
| 1 | Following the Fed with a News  Tracker | Michael  William  McCracken | January, 2012 | The paper is not a technical  paper but is essentially a  statistical paper on how should one conclude whether the data have come in stronger, weaker  or as expected. This is based on the CitiGroup U.S Economic Surprise Index. | [(PDF) Following the Fed with a News Tracker (researchgate.net)](https://www.researchgate.net/publication/227438253_Following_the_Fed_with_a_News_Tracker) |
| 2 | Topic Detection and Tracking in News  Articles | Sagar Patel,  Sanket Suthar,  Sandip Patel,  Neha Patel | March,  2015 | 1. Pre-processing  2. Tokenization  3. Stemming/Lemmization  4. Vector Space Model  5. Topic tracking | [(PDF) Topic Detection and Tracking in News Articles (researchgate.net)](https://www.researchgate.net/publication/315657099_Topic_Detection_and_Tracking_in_News_Articles) |
| 3 | An End-to-end Weakly-  supervised News Aggregation  Framework | Xijin Tang,  Xiaohui  Huang | June,  2022 | The framework combines Snorkel based weakly  Supervised classification, Latent Dirichlet Allocation  (LDA) topic modeling, and topic signal detection model to classify and aggregate unlabeled news texts and  ultimately generate visualized results containing news  categories, news topics, and temporal topic relationships.  This paper uses constructed  knowledge thesaurus and the Snorkel method to weakly  supervise the classification of  unlabeled news with no manual tagging. Subsequently, we utilize LDA to generate the topics and obtain the signal value of each topic based on the topic  signal detection function. Finally, we establish the  temporal topic relationships and get the visualized results  of news aggregation. | [An End-to-end Weakly-supervised News Aggregation Framework | Request PDF (researchgate.net)](https://www.researchgate.net/publication/361087328_An_End-to-end_Weakly-supervised_News_Aggregation_Framework) |
| 4 | Exploring mobile news reading  interactions for news app  personalisation | Marios  Constantinides,John Dowell , David Johson, Sylvain Malacria | August, 2015 | 1. Identification of news reader types  2. Interaction logging and  classification study  3. Deployment and data collection  4. Predicting News reader types  5. Adaptive UI | [(PDF) Exploring mobile news reading interactions for news app personalisation (researchgate.net)](https://www.researchgate.net/publication/299870645_Exploring_mobile_news_reading_interactions_for_news_app_personalisation) |
| 5 | Innovative Application For News Tracker | Dr.C.K.Gomathy, Dr.V.Geetha, Peddireddy Abhiram, Marios Constantinides | September , 2020 | This paper aimed at developing an online news management system that is of information to either a college. Online news management system provides a simple interface for maintenance of college information. The creation management of accurate,up-to-date information regarding to college.The main objective for developing this project is provide all the functionality related to latest news and it tracks. | [(PDF) The Innovative Application for News Management System (researchgate.net)](https://www.researchgate.net/publication/344241661_The_Innovative_Application_for_News_Management_System) |